Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 13 Aug 2023 until 23:59 on Monday 14 Aug 2023

Forecast Issued on Sunday 13 Aug 2023 at 00:38

Confidence: High for Sunday, and for another spell of wet weather on Monday. Moderate for timing of rain and cloud details on Monday, then higher confidence from Tuesday as high pressure builds.

Headline for Sunday 13 Aug 2023: Low cloud lifting, followed by sunny spells and isolated showers.

Mountain weather hazards on Sunday 13 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Fog	Dull	Sunny intervals	Cloudy	Cloudy	Light rain
Precipitation probability					
10%	20%	20%	20%	10%	40%

Forecast for Sunday 13 Aug 2023

Weather: Low cloud will lift this morning, leaving a day of sunny spells with isolated showers, lighter than on Saturday. Showers dying out late afternoon. Cloud will thicken again late evening, before rain, heavy at times, arrives towards midnight.

Chance of cloud-free hill tops above 600m: 60% becoming 100% by mid-morning. Becoming 30% late evening.

Low cloud and visibility: Areas of cloud overnight, base 500-600m. This lifting and breaking above the hilltops by mid-morning. Cloud then becoming widespread base down to 400m during the evening. Visibility good for much of the day, although moderate in showers. Very poor in low cloud covering the hills.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Sunday 13 Aug 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/27 SW	21/28 SW	19/26 SW	16/22 SW	17/24 SW	15/21 SW	14/20 SW
300	16/24 SW	16/24 SW	14/21 SW	12/18 SW	13/21 SW	9/15 SW	9/15 S
Valley	10/22 SW	12/23 SW	10/20 SW	9/18 SW	10/20 SW	5/15 SW	6/14 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/7	11/8	12/9	13/10	13/10	12/9	11/8
300	13/10	14/11	16/13	16/14	16/13	14/12	13/11
Valley	14/12	15/13	16/15	17/15	16/15	14/13	14/13
Freezing Level*	2300m	2200m	2300m	2300m	2300m	2500m	2900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Moderate to high UV levels are expected, so sun protection is recommended. Low cloud early in the day and later in the evening may make for challenging navigation.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 13 Aug 2023	3.8mm	3.8mm	3.8mm

Forecast for Monday 14 Aug 2023

Weather: Low cloud and persistent rain, heavy at times, through much of Monday. Rain is unlikely to clear until the evening, but then some late sunny spells are possible. Risk of thunder.

Maximum wind: Southwesterly 20 mph, gusting 30 mph.

Chance of cloud-free hill tops above 600m: 20% for much of the day, eventually rising to 80%.

Low cloud and visibility: Widespread low cloud, base 300-500m, during much of the day, breaking as rain clears during the evening. Visibility often poor or very poor in rain and low cloud covering the hills.

Temperature: **Valleys:** Plus 12 Celsius becoming plus 18 Celsius.
At 600m: Plus 12 Celsius.
Freezing level: Above the summits.

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